

NEW!

VideoRaid XTRM4



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- ▣ Fail-Safe, SATA to 4 Gbit Fibre Channel RAID
- ▣ Built-in 4-port LIP-Isolated Fibre Channel Hub
- ▣ Copper or Optical Fibre Channel Ports
- ▣ Multi-Stream Technology (MST)
- ▣ Fast Internal LUN Striping
- ▣ Background Drive Reconstruction and RAID Patrol
- ▣ Hot Swappable Components, Redundant Power and AC Inputs

### SAN-Ready, 4 Gbit Fibre Channel, Fail-Safe Disk Arrays

VideoRaid XTRM4 is Medea's highest performance, fail-safe RAID storage solution for professional real-time uncompressed SD and HD video applications. VideoRaid XTRM4 can easily scale in both capacity and performance to support the most demanding non-linear editing and SAN\* environments.

### High Performance, 4-Gbit Fibre Channel Interface & Internal LUN Striping

VideoRaid XTRM4 disk arrays feature a high performance 4-Gbit fibre channel interface with a built-in 4-port LIP-Isolated fibre channel hub. The system can be populated with 5, 10 or 15 SATA disk drive modules and appears as one, two or three independent logical unit numbers (LUNs). VideoRaid XTRM4 eliminates the need to use external striping software by internally striping these LUNs to support sustained data transfer rates up to 400 MB/second. VideoRaid XTRM4 supports all fibre channel modes including Loop and Fabric.

### Scalable Capacity to Over 600 Terabytes

As your storage requirements grow, VideoRaid XTRM4 units can be connected in arbitrated loop or fabric configurations with usable storage capacities to 600 Terabytes (600,000 GB) - that's over 1000 hours of uncompressed 10-bit, HD video footage!

### Protects Your Content

With VideoRaid XTRM4, a disk drive failure is not a catastrophic event. The array can tolerate up to 3 drive failures and continue to operate without loss of data and at full performance. This enables the completion of work in progress without requiring immediate drive replacement. To replace a drive, simply swap out the bad drive module and the system will automatically begin a background reconstruction. Costly downtime is eliminated since the system is fully functional during the rebuild process. Once the rebuild is completed, VideoRaid XTRM4 resumes the protection of your valuable content.

\* Requires additional hardware / software.



### Built-In Ethernet Support

VideoRaid VideoRaid XTRM4 incorporates an ethernet port to configure and manage the array.

### Multi-Stream Technology (MST)

VideoRaid XTRM4 features Medea's proprietary Multi-Stream Technology, a sophisticated embedded stream handling algorithm that works in conjunction with the system's on-board caching RAID controller to support the simultaneous real-time playback of multiple streams\*\* of uncompressed video.

### RAID Patrol

VideoRaid XTRM4 features a built-in preventative maintenance system called RAID Patrol. RAID Patrol monitors the disk media for errors and offers a level of protection not found in other disk arrays, ensuring that the system is continually optimized for peak performance.

### Hot Swappable Components, Redundant Power & AC Inputs

VideoRaid XTRM4's disk drive modules and redundant, load-sharing power supplies can be hot-swapped by the user in the unlikely event of a component failure. Redundant power sources can be accommodated using the arrays independent AC input receptacles.

\*\* The number of supported simultaneous streams varies by platform and NLE system.



15 hot-swappable drive modules

### Tech Specs

#### Interface:

4-Gbit fibre channel, arbitrated loop and fabric support  
4-port LIP-Isolated hub with SFP ports, optical ports available

#### Fibre Channel Switch/Hub Compatibility:

Atto, Broadcom, Brocade, Emulex, McData, Qlogic

#### Fibre Channel Host Adapter Compatibility:

Apple, Atto, Emulex, LSI Logic, Qlogic, SGI



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5, 10 or 15-drive 3U, 19" rack mountable configuration

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